Original/Duplicate/Triplicate

# CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill  Date.....2022

Zone:BBMP,Yelahanka  Division:BBMP, Byatarayanapura  Sub-Division:Kodigehalli

Bill Received No.  Dated  Divisional  Cash Book Voucher No.....Dated.....

Sub-Divisional  Job Code: 008-20-000073

Schedule Docket No.  Head of Account: P1802  Est.Cost: Rs 10.00 Lakhs  INDENT NO.:41624

**Name of Work : Drilling of new borewell installation of motor, commissioning and laying of pipelines in ward no. 8**

Name of Contractor and Full Address: Sri Srikantth K.S, Aakar Construction, # 168, Amco Layout, Near Godwin School, Sahakarnagara Post Bangalore-92

Reference to Agreement No. BBMP/EE/BTP/WO/127/2020-21  Date: 07.10.2020

Certified that the measurements were taken by me on: 30/06/22 and recorded of Pages 558770 to 558780 of measurement Book No. 5588/20-21 and that work is satisfactorily executed.

Contractor  Officer-in-charge of work

Certified that measurement were taken by me on 30/6/2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Sub-Division Officer
Kodigehalli Sub Division
BBMP, Bangalore

1) Total value of work done or supplies made as per account within

2) Deduct amount to be held in reserve being.....Percent Rs..... 1st & final →

3) " Balance

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

| | | |
|---|---|---|
| TTB | 8,29,000 | 00 |
| IT | 8290 | 00 |
| CGST | 7402 | 00 |
| SGST | 7402 | 00 |
| CESS | 8290 | 00 |
| CBF | 829 | 00 |
| LR | 3087 | 00 |
| Fine | 1700 | 00 |
| | | |
| | | |
| | | |
| | | |
| Total Amount Adjusted - Deductions | 37000 | 00 |
| Net Payable | 7,92,000 | 00 |

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

P/1802.

Head of Account Water Supply New Areas

Bill Passed for Rs. 8,29,000/-

Statutory Deductions Rs. 37000/- By Adjustment

Net Amount Paid Rs. 7,92,000/- By NEFT/RTGS

C/W 26/7/22

Account Superintendent
Byatarayanapura Division BBMP

Executive Engineer
Byatarayanapura Division
BBMP

26/7/22

| Sl. No. | Items grouped under sub-Heads and Sub-Works of the Estimate Description | Unit |
|---|---|---|
| 1 | Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.47, I. 9.4) PRED.SR 2012-13 | Each |
| 2 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) Page no. 46 / I. 9.1 PRED SR 2012-13 0 to 50 m | M |
| 3 | 50 to 100 m | M |
| 4 | 100 to 150 m | M |
| 5 | 150 to 200 m | M |
| 6 | 200 to 250 m | M |
| 7 | 251 to 300 m | M |
| 8 | 300 to 350 m | M |
| 9 | Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) SE PRED III NO 84 | Rmtr |
| 10 | Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias. (Page No. 88 Item No. 12.116.5) PWD SR 2016-17 | Rmtr |
| 11 | Providing 175mm dia ms casing cap page no III it no 85 pred 12-13 sr | No |
| 12 | Providing MS Casing pipe collars page no III it no 86 pred 12-13 sr | No |
| 13 | Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings. PAGE NO XXXXII | Unit |
| 14 | KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt ) B class 50 mm dia nominal bore with all fittings ( earth work in trenches to be measured and paid for separately ) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (Page 90 ITEM NO 13.6 ) | Mtr |
| 15 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15 | Mtr |

| Previous Measurement | | | Present Measurement | | | Total Upto Date | |
|---|---|---|---|---|---|---|---|
| Qty | Rate Rs. P. | Amount | Qty | Rate Rs. P. | Amount | Qty | Cost |
| - | - | - | 1.00 | 1750.0 | 1750.00 | 1.00 | 1750.00 |
| - | - | - | 50.00 | 280.0 | 14000.00 | 50.00 | 14000.00 |
| - | - | - | 50.00 | 355.0 | 17750.00 | 50.00 | 17750.00 |
| - | - | - | 50.00 | 400.0 | 20000.00 | 50.00 | 20000.00 |
| - | - | - | 50.00 | 450.0 | 22500.00 | 50.00 | 22500.00 |
| - | - | - | 50.00 | 480.0 | 24000.00 | 50.00 | 24000.00 |
| - | - | - | 50.00 | 520.0 | 26000.00 | 50.00 | 26000.00 |
| - | - | - | 80.00 | 550.0 | 44000.00 | 80.00 | 44000.00 |
| - | - | - | 54.00 | 1020.0 | 55080.00 | 54.00 | 55080.00 |
| - | - | - | 12.00 | 1800.0 | 21600.00 | 12.00 | 21600.00 |
| - | - | - | 1.00 | 85.0 | 85.00 | 1.00 | 85.00 |
| - | - | - | 10.00 | 135.0 | 1350.00 | 10.00 | 1350.00 |
| - | - | - | 1.00 | 63000.0 | 63000.00 | 1.00 | 63000.00 |
| - | - | - | 276.00 | 470.0 | 129720.00 | 276.00 | 129720.00 |
| - | - | - | 578.00 | 160.0 | 92480.00 | 578.00 | 92480.00 |

| | | |
|---|---|---|
| 16 | Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length pno 558 ino 3 bwssb sr 14-15 | No |
| 17 | Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44No.6.6.6 KPWD Electrical SR 2014-15 | Each |
| 18 | Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.P No.55/ I No.7.4.4 ( 4 core 16 Sqmm) KPWD Electrical SR 2014-15 | Mtr |
| 19 | Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15 | Mtr |
| 20 | Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., completeP No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15 | Mtr |
| 21 | Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15 | Mtr |
| 22 | Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15 | No |
| 23 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (P No.55, I No. 7.1) KPWD Electrical SR 2014-15 | No |
| 24 | Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No44/I No 6.7.4 KPWD Electrical SR 2014-15 | Each |
| 25 | Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... P No62 I No 7.14.2 KPWD Electrical SR 2014-15 | Each |
| 26 | Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications pno 47 IT 6.16.5 KPWD Electrical SR 2014-15 | Each |
| 27 | Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15 | Sqm |
| 28 | KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No.90 Item No. 13.55 / PWD SR 2016-17 | No |
| 29 | Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No.92/ I. No. 13.81.3 PWD SR | No |
| 30 | Gate value 50 mm nominal bore gun metal P. No.xxiii sl No. 673 PWD SR | No |
| 31 | Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum-control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter | No |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| - | - | - | 46.00 | 75.0 | 3450.00 | 46.00 | 3450.00 |
| - | - | - | 1.00 | 275.0 | 275.00 | 1.00 | 275.00 |
| - | - | - | 34.00 | 120.0 | 4080.00 | 34.00 | 4080.00 |
| - | - | - | 34.00 | 8.0 | 272.00 | 34.00 | 272.00 |
| - | - | - | 29.00 | 100.0 | 2900.00 | 29.00 | 2900.00 |
| - | - | - | 3.00 | 285.0 | 855.00 | 3.00 | 855.00 |
| - | - | - | 1.00 | 250.0 | 250.00 | 1.00 | 250.00 |
| - | - | - | 1.00 | 2350.0 | 2350.00 | 1.00 | 2350.00 |
| - | - | - | 3.00 | 330.0 | 990.00 | 3.00 | 990.00 |
| - | - | - | 6.00 | 75.0 | 450.00 | 6.00 | 450.00 |
| - | - | - | 1.00 | 1300.0 | 1300.00 | 1.00 | 1300.00 |
| - | - | - | 200.00 | 0.3 | 60.00 | 200.00 | 60.00 |
| - | - | - | 1.00 | 1250.0 | 1250.00 | 1.00 | 1250.00 |
| - | - | - | 2.00 | 190.0 | 380.00 | 2.00 | 380.00 |
| - | - | - | 3.00 | 1450.0 | 4350.00 | 3.00 | 4350.00 |
| - | - | - | 1.00 | 8500.0 | 8500.00 | 1.00 | 8500.00 |

| | | |
|---|---|---|
| 32 | Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.(P.No.5, I.No.2.1) PWD SR 2016-17 | Cum |
| 33 | KSRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical SpecificationMORTH Specification No. 304. (P.No.217, I.No.27.17) PWD SR 2016-17 | Cum |
| 34 | KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 (Page no.94, Item No.13.73.1) PWD SR 2016-17 | Rmtr |
| 35 | KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. ( Page No.6, Item No. 2.11) PWD SR 2016-17 | Cum |
| 36 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications (Page No. 155, Item No. 20.18, PWD SR 2018-19) | Cum |
| 37 | KSRRB 500-1.1 : Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification No. 500-1.3 (Page No. 158, I. 21.1, PWDSR 2018-19) | Sqm |
| 38 | KSRRB M500-6: Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications. MORTH specification NO. 502 (Page No. 158, Item No. 21.5, PWD SR 2018-19) | Sqm |
| 39 | KSRRB M500-18: Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. using 40-60 TPH capacity HMP with mechanical paver grading I (35-40mm) with 4.5% VG-30 Bitumen (Page No. 160, Item No. 21.20.5, PWD SR 2018-19) | Cum |
| | Bescom Deposit | |
| | **Sub Total** | |
| | **GST @ 12%** | |
| | **Total** | |

CRTIFICATE:

I Certified that the above work done satisfactory and no materials issued from Department

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| - | - | - | 72.00 | 135.0 | 9720.00 | 72.00 | 9720.00 |
| - | - | - | 14.40 | 2500.0 | 36000.00 | 14.40 | 36000.00 |
| - | - | - | 160.00 | 320.0 | 51200.00 | 160.00 | 51200.00 |
| - | - | - | 57.60 | 70.0 | 4032.00 | 57.60 | 4032.00 |
| - | - | - | 14.40 | 1890.0 | 27216.00 | 14.40 | 27216.00 |
| - | - | - | 95.88 | 20.0 | 1917.60 | 95.88 | 1917.60 |
| - | - | - | 95.88 | 45.0 | 4314.60 | 95.88 | 4314.60 |
| - | - | - | 3.81 | 7500.0 | 28575.00 | 3.81 | 28575.00 |
| | | | | Subtotal | 728002.20 | | 728002.20 |
| | | | | | 14000.00 | 14000.00 | 14000.00 |
| | | | | | 742002.20 | — | 742002.20 |
| | | | | | 89040.26 | 87360.21 | 89040.26 |
| | | | | | **831042.46** | 829362.46 | **831042.46** |

Round off 8,29,000.00

Round off: 8,29,000.00

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore